

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013494.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 16:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 12 22:42:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.966	2838815	19.734 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.408	2164993	19.844 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	3.328	2559800	19.797 ug/ml
2) T n-Decane (C10)	4.582	2612419	19.757 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2863211	19.765 ug/ml
4) T n-Dodecane (C12)	6.752	2643796	19.736 ug/ml
5) T A~2-methylnaphthalene...	7.386	2774045	19.771 ug/ml
6) T n-Tetradecane (C14)	8.585	2625290	19.715 ug/ml
7) T n-Hexadecane (C16)	10.198	2709469	19.716 ug/ml
8) T n-Octadecane (C18)	11.647	2730748	19.728 ug/ml
10) T n-Eicosane (C20)	12.961	2614766	19.777 ug/ml
11) T n-Heneicosane (C21)	13.575	2563631	19.784 ug/ml
13) T n-Docosane (C22)	14.165	2538544	19.780 ug/ml
14) T n-Tetracosane (C24)	15.272	2497233	19.822 ug/ml
15) T n-Hexacosane (C26)	16.297	2421701	19.842 ug/ml
16) T n-Octacosane (C28)	17.251	2324359	19.774 ug/ml
17) T n-Tricontane (C30)	18.142	2320883	19.781 ug/ml
18) T n-Dotriacontane (C32)	18.977	2243501	19.823 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2154918	19.833 ug/ml
20) T n-Hexatriacontane (C36)	20.504	2071925	19.927 ug/ml
21) T n-Octatriacontane (C38)	21.258	2068526	19.998 ug/ml
22) T n-Tetracontane (C40)	22.203	2061022	20.180 ug/ml

(f)=RT Delta > 1/2 Window

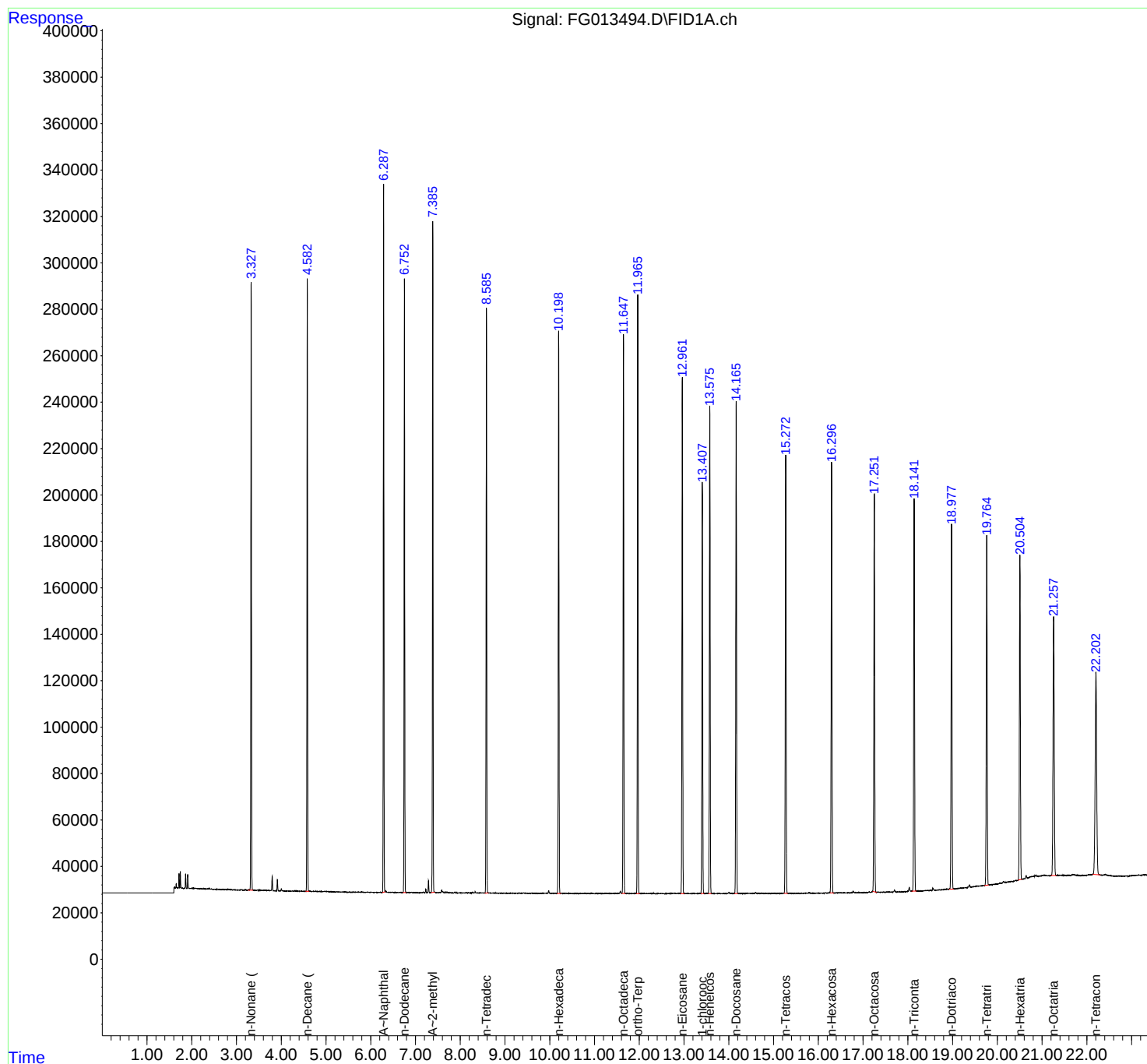
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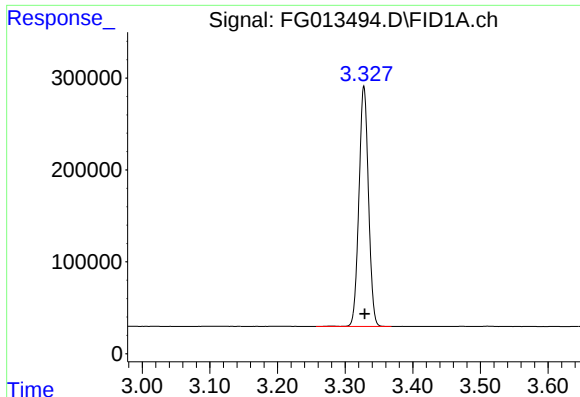
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#1 n-Nonane (C9)

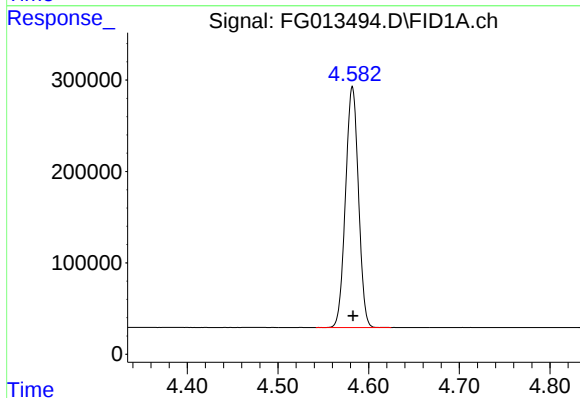
R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 2559800
Conc: 19.80 ug/ml

Instrument :

FID_G

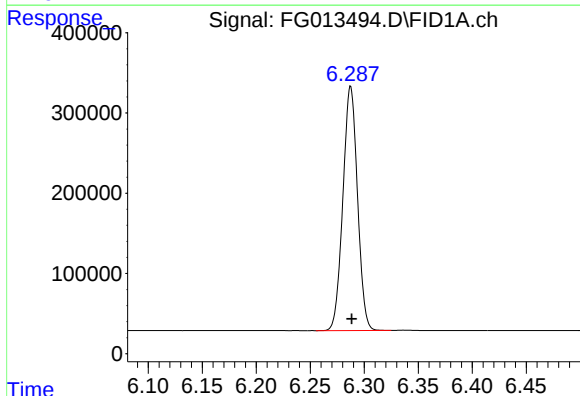
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



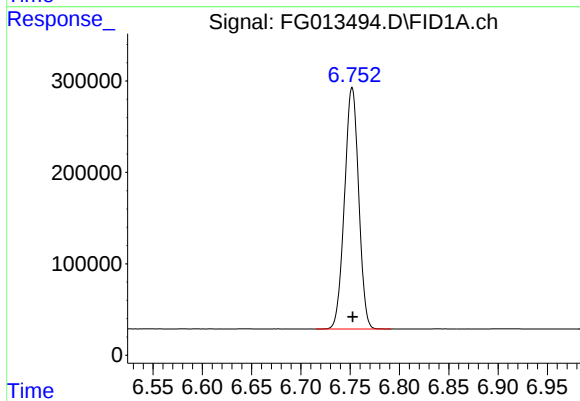
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 2612419
Conc: 19.76 ug/ml



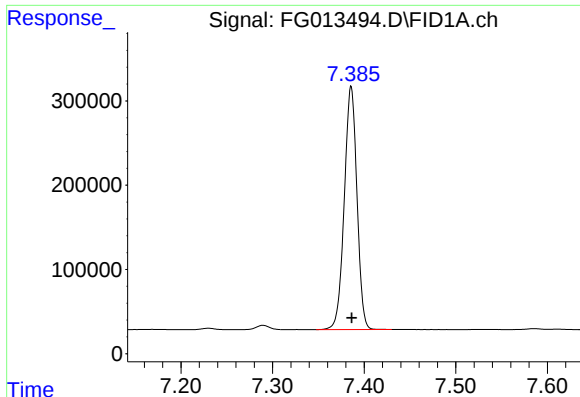
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 2863211
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2643796
Conc: 19.74 ug/ml



#5 A~2-methylnaphthalene (C12.89)

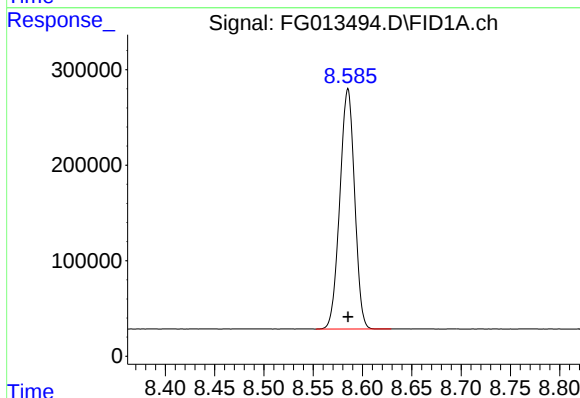
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2774045
Conc: 19.77 ug/ml

Instrument :

FID_G

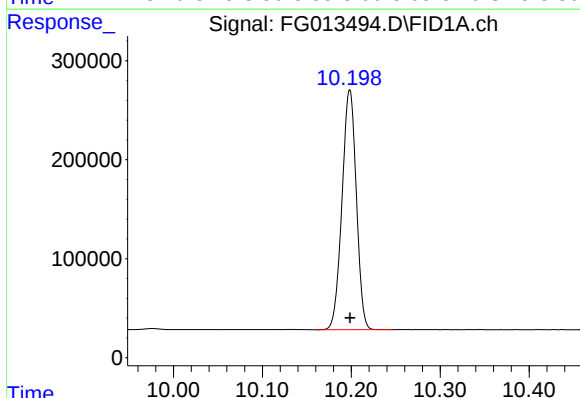
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



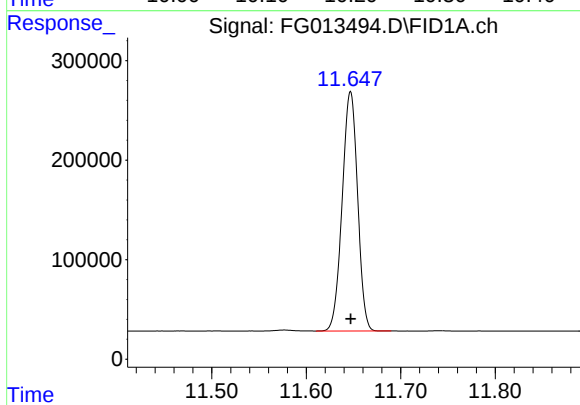
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 2625290
Conc: 19.72 ug/ml



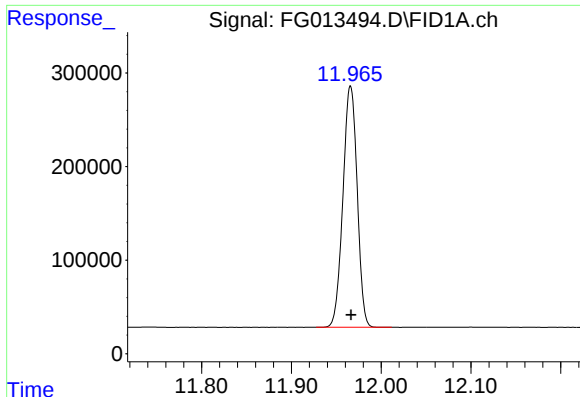
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 2709469
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

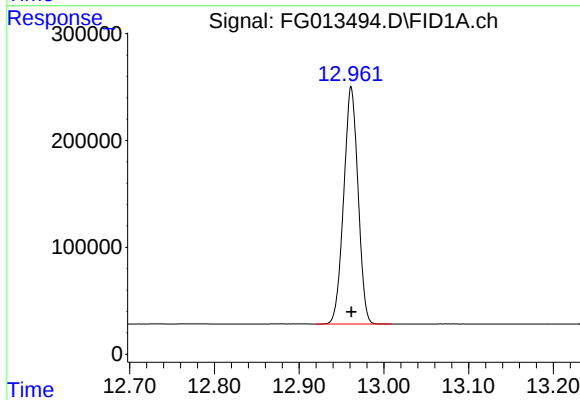
R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 2730748
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

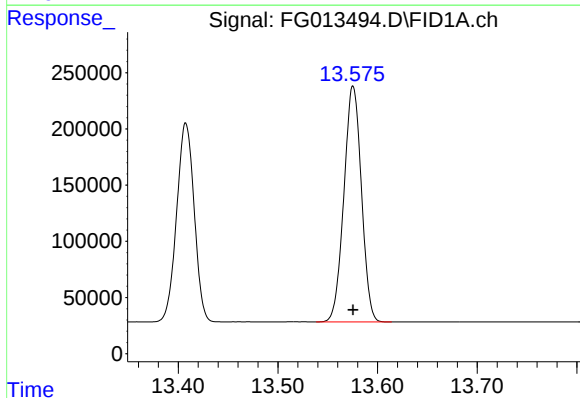
R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 2838815
Conc: 19.73 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



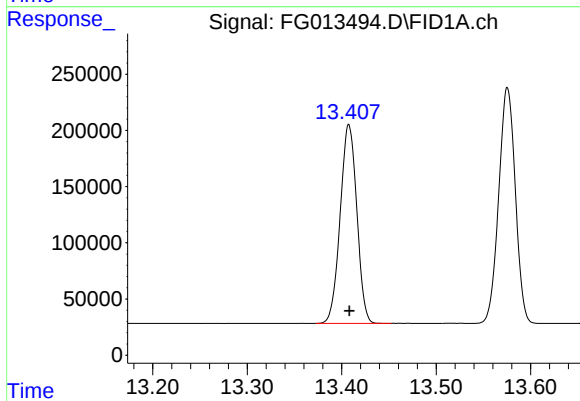
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2614766
Conc: 19.78 ug/ml



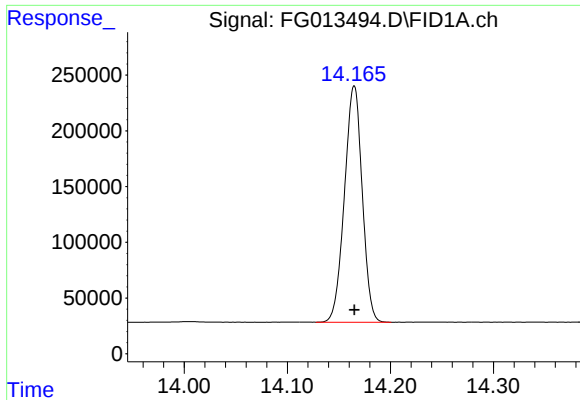
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 2563631
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

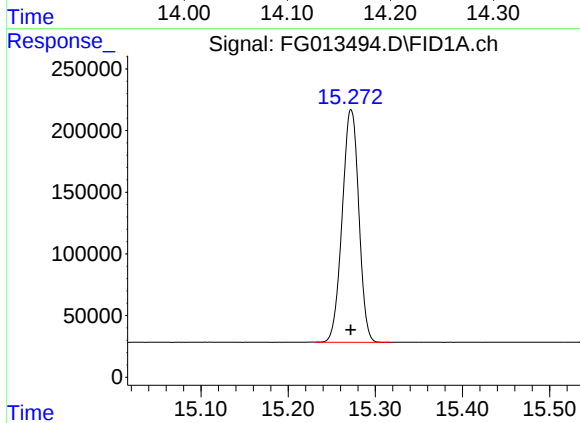
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2164993
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

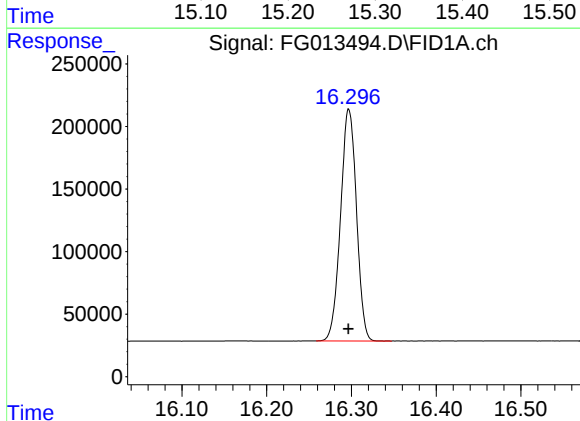
R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 2538544
Conc: 19.78 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



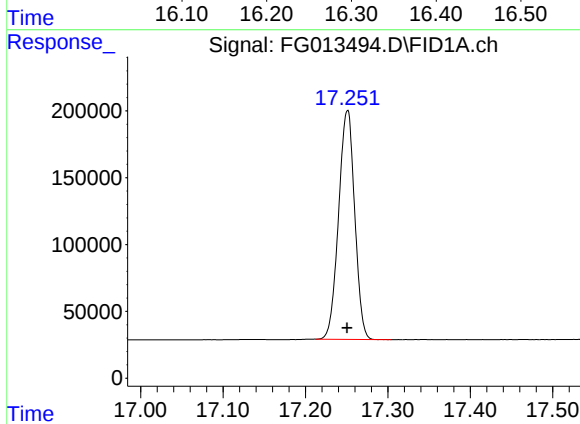
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 2497233
Conc: 19.82 ug/ml



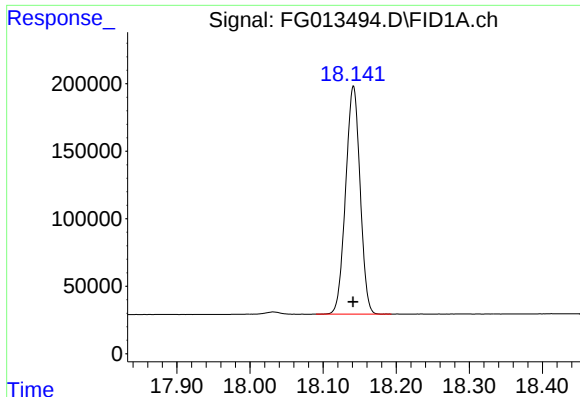
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 2421701
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.000 min
Response: 2324359
Conc: 19.77 ug/ml



#17 n-Tricontane (C30)

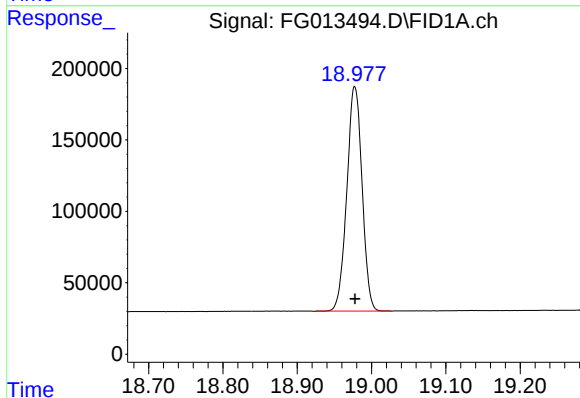
R.T.: 18.142 min
Delta R.T.: 0.000 min
Response: 2320883
Conc: 19.78 ug/ml

Instrument :

FID_G

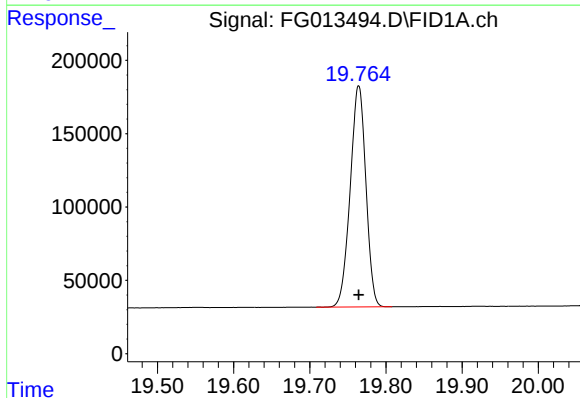
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



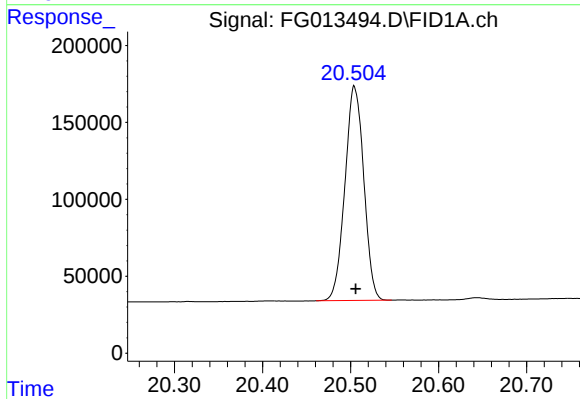
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: 0.000 min
Response: 2243501
Conc: 19.82 ug/ml



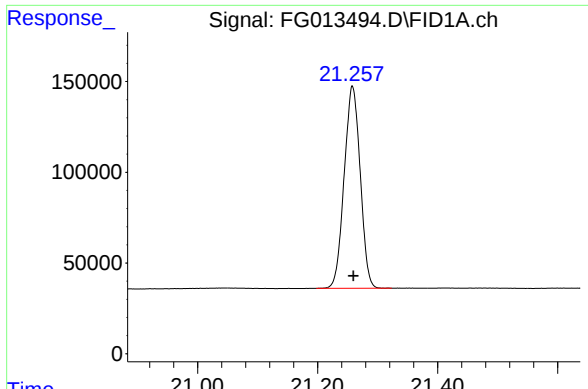
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 2154918
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

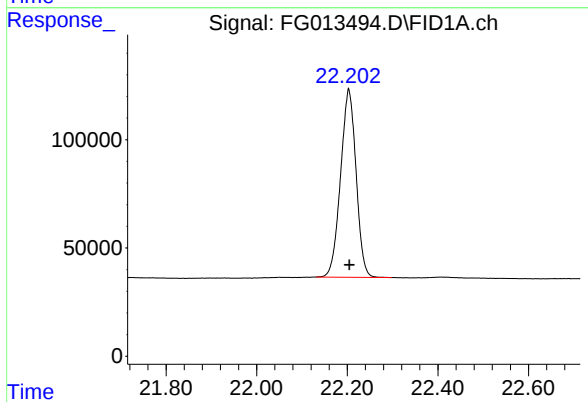
R.T.: 20.504 min
Delta R.T.: -0.002 min
Response: 2071925
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.258 min
Delta R.T.: -0.002 min
Response: 2068526
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: -0.002 min
Response: 2061022
Conc: 20.18 ug/ml